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PROGRAM
MANAGEMENT
OFFICE

FISCAL YEAR 83 REPORT

THE ARMY STUDY PROGRAM

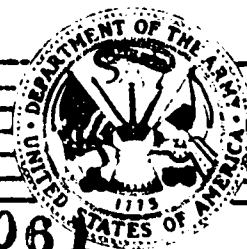
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1. The Fiscal Year 83 Report of The Army Study Program (TASP) contains in its two volumes the approved Headquarters Department of Army, Major Army Command, and operating agency study agendas for the current fiscal year. This year's report reflects a change not only in the way it is presented, but in the way the Total Program is viewed in application to Performance Management Army. Volume I contains a description of TASP in terms of individual studies and their relationship to Total Army Goals. Volume II provides general information about TASP and study coordinators within the Army and Department of Defense. A more detailed explanation of TASP's contents is contained in the Foreword to Volume I.

2. The direction taken in presentation of this year's TASP is a step toward implementation of Army policy on Performance Management Army within the Study Program. We must all do our part to insure each study we do is based on a legitimate need to either fix something or learn something which in turn supports one or more of the Total Army Goals.

JOANN H. LANGSTON
Director, Study Program
Management Office
Management Directorate

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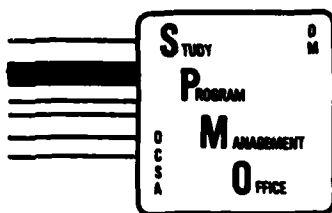
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FOREWORD

The FY 83 Army Study Program presented herein includes command and agency study agendas for Fiscal Year 83. An entirely new format has been adopted for this edition. Volume I contains a description of the Army Study Program in terms of TOTAL ARMY GOALS. This utilizes a macro-analytical approach to the FY83 Study Program to assess the direction taken by the Army study community in responding to HQDA policy on Performance Management Army.).

Chapter 1 presents an overview of the total FY 83 Study Program, illustrates the way in which the program addresses all of the goals, and provides information about the total program in terms of combat application, payback, study status, and performance method. General information regarding study sponsors and performers is also included. Chapter 2 provides the same kind of information for each of the seven Army goals, to allow the reader some insight into the expected study emphasis by goal, while Chapter 3 lists each individual study with the accompanying statistical information that is summarized in Chapter 1 and 2.

Volume II contains much of the data contained in former editions of TASP in that it contains listings of individual studies, statistical data pertaining to these studies, and study points of contact. It has been expanded to present more detailed information about each study to include study description, combat application, payback in terms of time, and application to each of the TOTAL ARMY GOALS.

Chapter 1 provides a short narrative description of each of the studies ordered alphabetically by goal; Chapter 2 is an alphabetical listing of studies ordered by sponsor, with accompanying statistics; Chapter 3 is a straight alphabetical listing of all the studies in the FY 83 program, with accompanying statistics.

Appendix A provides a list of the Army study coordinators with office symbol, telephone numbers, and location, for ready reference in case of questions about specific studies; Appendix B provides a list of points of contact for DOD studies and analysis and Appendix C is the distribution list.

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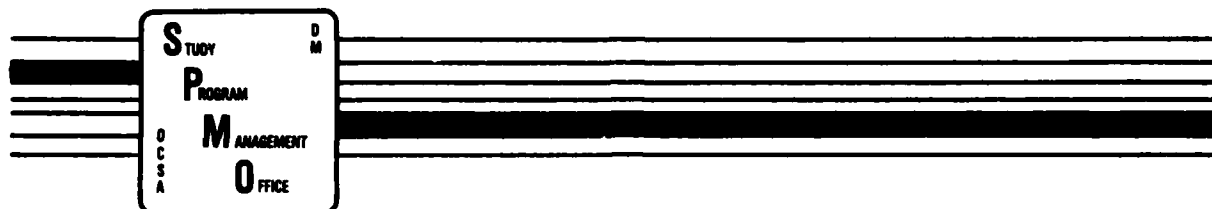
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EXECUTIVE SUMMARY

The FY 83 Army Study Program is comprised of a wide ranging body of analytical pursuits which attempt to address the major issues currently confronting the United States Army. Contained within the two volumes of this document is a compilation of those studies and analyses which have been identified by Headquarters, Department of the Army, subordinate staff agencies, field operating agencies, and major commands to fall within the purview of Army Regulation 5-5, Army Studies and Analyses. For the first time, an attempt has been made to conduct a thorough analysis of the program prior to its initiation in order to examine the way in which the program addresses or fails to address the needs of the Army.

The FY 83 Army Study Program consists of 332 separate studies. They represent a broad class of analytical activity characterized by the application of the tools of operational or systems analysis to Army problems. They develop assessments, alternatives, and supporting methodologies. The intent of these efforts is to contribute to greater understanding of relevant issues and to lead to conclusions and recommendations by decision makers.

These studies may use resources budgeted from any of the Army appropriations with the exception of civil works. They are performed by, or with assistance from Army study organizations, organizational staff personnel, specially formed task groups; and, under contract, by universities, large and small companies, and not-for-profit organizations.

It must be noted that these studies are not all-inclusive and specifically exclude many major investigatory efforts such as research and exploratory developments; advanced and engineering development support of specific research, development, test and engineering (RDTE) programs for materiel systems; human factors engineering program; and transportability analyses. For a more complete listing of non-study efforts, refer to AR 5-5, Paragraph B-2, Appendix B.

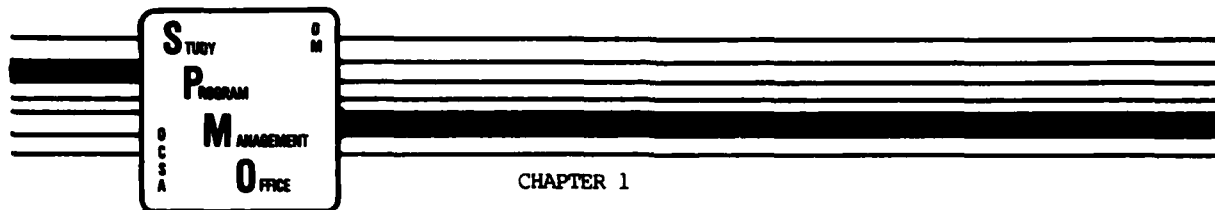
In accordance with current guidance, the FY 83 program has been analyzed primarily in terms of the seven Total Army Goals, promulgated jointly by the Secretary of the Army and the Chief of Staff, United States Army under Performance Management Army (PMA). An explanation of each of these goals and an analysis of the program when viewed as a totality is contained herein. Some of the key points to be derived from the analysis of this year's programed study effort follow.

Approximately 28% of the studies address the Readiness Goal. These studies will consume approximately 26% of the resources available to the Army Study Program and 55% will provide a benefit to the Army in a relatively short period of time (less than 5 years). Some anomalies occur in the apportionment of studies versus resources. For example, Materiel studies represent 26% of the studies but will consume only 17% of the resources. On the other hand, studies in support of the Future Development goal represent only 18% of the studies, but require 36% of the resources.

An initial cause for concern may result when it is noted that only about four percent of the studies address the Human goal and one percent represent the Leadership goal. One must note, however, that research and investigations conducted by the Army Research Institute (ARI), which address these areas as one of their primary missions, are specifically excluded from this analysis, per AR 5-5. Similarly, Strategic Deployment studies appear to be under represented with slightly less than 4 percent of the studies having this goal as their major thrust. It would appear that the key phrase is "major thrust." While many of the studies do address those areas contained within the Strategic Deployment Goal, they have some other goal as the major thrust.

Some major conclusions may be drawn from this analysis. The Army continues to conduct the vast majority of their studies using in-house resources, thus sustaining the same pattern reported on in the Review of Army Analysis conducted in 1979. Army wide, about 47 percent of the studies are new initiatives. This is significant in that it is indicative of the level of resources available for programing at the beginning of the Fiscal Year. It also demonstrates that the Army does intend to start a healthy number of new initiatives in FY 83.

When viewed in its totality, there appears to be reasonably good balance in the program. Despite the decentralized nature of the Army study program and the lack of formal lines of coordination between and among the major analytical agencies, there appears to be good central focus, little duplication of effort and an absence of gaps in essential work. Detailed development of the program for FY 83 in terms of the TOTAL ARMY GOALS and Performance Management Army (PMA) is contained in subsequent chapters of this report.



CHAPTER 1

STUDIES AND ARMY GOALS

PURPOSE. This document describes the relationship of The Army Study Program to the accomplishment of the goals of the United States Army. Studies and analyses conducted under the auspices of The Army Study Program contribute to **TOTAL ARMY GOALS** by providing leaders and decision makers with the information they need to discharge their responsibilities.

BACKGROUND. On 7 December 1981, in a letter promulgated jointly by the Secretary of the Army and the Chief of Staff, United States Army, **TOTAL ARMY GOALS** were defined and explained. Achievement of these goals was determined to be the basis for assuring the continued successful accomplishment of the Army's traditional mission: to act as a deterrent to any attack upon US national interests and, if deterrence fails, to engage and defeat any enemy in any environment.

This letter has been supplemented by approval of The Army Plan as a vehicle to infuse Performance Management Army (PMA) into Army planning guidance. PMA is a top down, participatory approach based on The Total Army Goals and results-oriented objectives developed at HQDA linked to subordinate activities.

TOTAL ARMY GOALS. These goals will form the basis for development of HQDA, MACOM, and subordinate activity objectives. The Total Army Goals are:

READINESS

A Total Army prepared for the "three days of war": to deter the day before war; to fight and win on the day of war; and to terminate conflict in such a manner that on the day after war, the United States and its allies have an acceptable level of security.

Readiness reflects the capability of the Total Army, as perceived by its members, allies, and potential foes, to respond successfully to the full spectrum of warfare -- from terrorism to nuclear conflict. Training, maintenance, leadership, resource management, and close coordination with the other Services and allies are the essential elements of readiness.

HUMAN

A Total Army composed of military and civilian professionals who loyally serve their nation in rewarding careers.

Attracting and retaining high quality Total Army members are essential to insure that service in the Army remains a way of life. This commitment to a profession is accomplished by striving to provide all members meaningful and satisfying duty, adequate living and working facilities, equitable compensation, professional development, advancement opportunity, and wholesome family life.

LEADERSHIP

A Total Army whose leaders at all levels possess the highest ethical and professional standards committed to mission accomplishment and the well-being of subordinates.

Competent, effective leadership is the Total Army's key to success in training and success in the ultimate test -- combat.

MATERIEL

A Total Army equipped and sustained to win any land battle. The Total Army requires a technically superior, reliable, and powerful arsenal of effective weapons and equipment which can be rapidly transported, simply operated and easily maintained. Weapons and equipment must be developed through a cost-disciplined acquisition process that places a total system in the hands of trained personnel in the shortest possible time. Resupply procedures must be complete and sufficient for sustaining extended combat. Logistical support procedures must exist between the United States and its allies.

FUTURE DEVELOPMENT

A Total Army sensitive to innovative approaches to accomplish its mission. Responding to the full spectrum of warfare demands innovative approaches to doctrine, force structure, manning, training, and mobilizing along with a commitment toward adopting those technological advances which promise full return on investment.

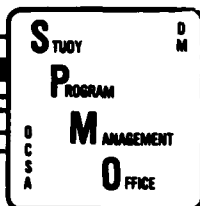
STRATEGIC DEPLOYMENT

A Total Army organized, manned, and equipped so as to be capable of deploying, with transportation assistance, to any part of the globe to counter a wide spectrum of threats.

The global interests of the United States require a capability for global response. This entails support for the other Services in achieving the necessary transportation assets and developing innovative approaches to overcoming transportation shortages.

MANAGEMENT

A Total Army which efficiently and effectively uses the resources made available. Management is the science of achieving maximum productivity from resources -- manpower, money, materiel, and time through appropriate management systems and techniques.

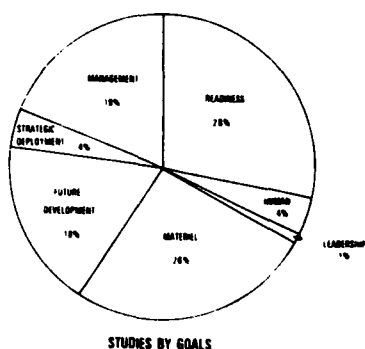


CHAPTER 2

FY 83 ARMY STUDY PROGRAM BY GOAL

OVERALL DESCRIPTION

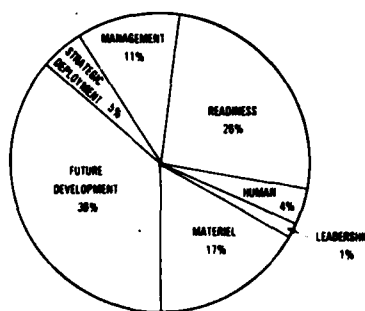
TOTAL GOALS: The mission of the Total Army is to deter any attack upon U.S. national interests and, if deterrence fails, to engage and defeat any enemy in any environment. Each of the goals makes a contribution to this mission. The Army Study Program addresses the goals in the following proportions:



ARMY GOALS	N	%N	%R ¹
Readiness	93	28	26
Human	14	4	4
Leadership	4	1	1
Materiel	86	26	17
Future Development	60	18	
Strategic Deployment	13	4	5
Management	62	19	11
TOTAL	332	100	100

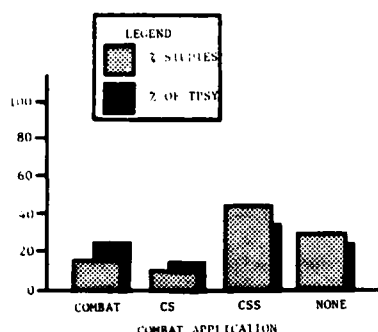
• Planned FY 83 studies in support of the Readiness Goal and the Materiel Goal account for almost 55% of the total studies and over 43% of total planned resources. The Future Development Goal represents 18% of the total FY 83 studies and will use almost 36% of total resources.

RESOURCES: Resources are designated as equivalent professional staff years to put all studies on a comparative basis.



ARMY GOALS	PSY	CPSY	TPSY ²
Readiness	287	45	332
Human	31	19	50
Leadership	10	3	13
Materiel	188	29	217
Future Development	425	43	468
Strategic Deployment	65	3	68
Management	94	50	144
TOTAL	1100	192	1292

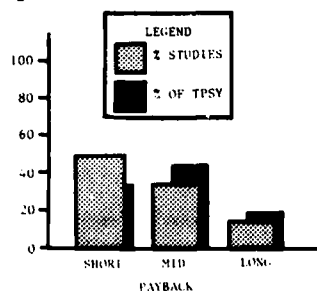
COMBAT APPLICATION: The combat application classification allows for the linkage of studies with the major functions of the Army in the field. It is possible to examine how the study program's resources are distributed between field-related operations and among the types of field-related operations.



COMBAT APPLICATION	N	%N	%R
Combat	57	15	25
Combat Support	40	10	15
Combat Service Support	138	45	35
None	97	30	25
TOTAL	332	100	100

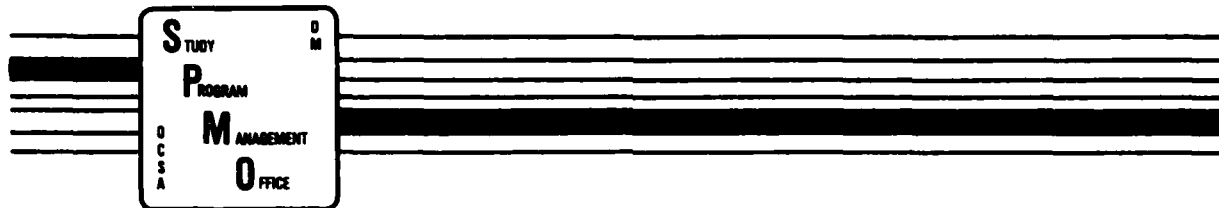
• Seventy percent of the studies planned for FY 83 have an application to the combat function.

PAYBACK: Payback indicates the time period in which the study results are expected to influence the Army. It is of considerable value in determining the extent to which study resources are contributing to the more immediate problems and the extent to which resources are helping to prepare for the future through long term efforts.

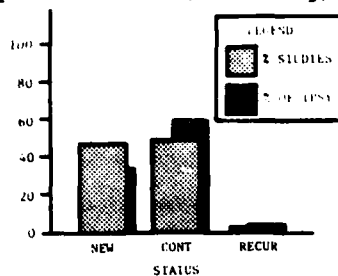


PAYBACK	N	%N	%R
Short Term	171	50	35
Mid Term	114	35	45
Long Term	47	15	20
TOTAL	332	100	100

• Eighty-five percent of the planned studies have an estimated payback of ten years or less. Eighty percent of planned FY 83 resources will support these short and mid-term efforts.



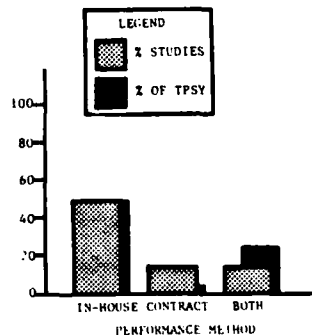
STATUS: Status illustrates the extent to which new topics are introduced into the study program as well as the extent to which topics are the subject of continuing interest to the Army, both in terms of more than one year of effort (continuing) and in terms of repeat efforts (recurring).



STATUS	N	%N	%R
New	159	47	35
Continuing	162	50	60
Recurring	11	3	5
TOTAL	332	100	100

- The program is fairly evenly divided between new and continuing studies. Continuing studies account for over 60% of planned study resources.

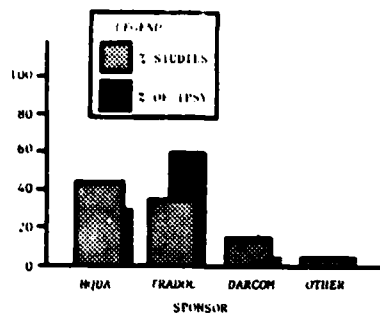
METHOD OF PERFORMANCE: The method-of-performance variable allows for comparison of contracting efforts with in-house staff efforts. This allows one to examine whether too much or the wrong type study is being done by contract.



PERFORMANCE METHOD	N	%N	%R
In-house	228	70	70
Contract	52	15	5
Both	52	15	25
TOTAL	332	100	100

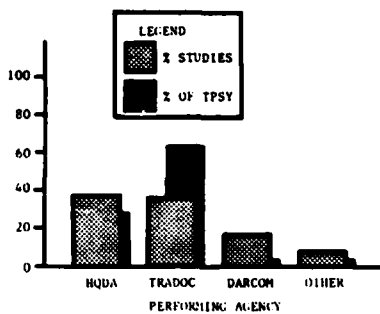
- Seventy percent of the planned FY 83 study program will be done in-house.

SPONSOR: Twenty Army organizations are sponsoring studies in the FY 83 program. Eight of these will sponsor 10 or more studies during the year.

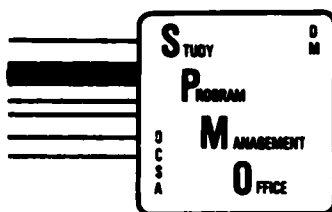


• HQDA will sponsor forty-five percent of the total FY 83 study program. TRADOC will sponsor 35% of the planned FY 83 study program and use 60% of the planned FY 83 study resources.

PERFORMING AGENCY: Forty-one Army agencies will perform 228 studies using in-house resources and 52 additional studies using in-house resources in conjunction with contractor resources. There will be a total of 1100 in-house professional staff years used for these studies.



• Eleven HQDA activities will perform 38% of the studies; eighteen TRADOC activities will perform an additional 37%, using 64% of all the in-house PSYs devoted to studies.

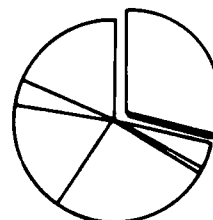


GOAL I: READINESS

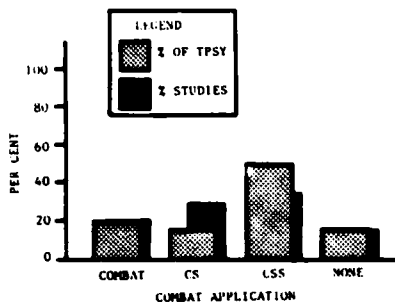


"A Total Army prepared for the 'Three Days of War'..."

• Twenty-eight percent or 93 studies programmed for FY 83 relate to the Readiness Goal. Twenty-six percent of total study program resources or 332 professional staff years (PSY) will be used to support this effort. This is composed of 287 in-house PSY and 45 contract PSY.

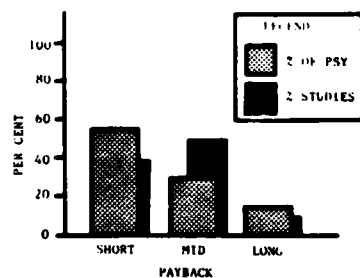


• Eighty-five percent of the Readiness studies will have an application to the combat function.



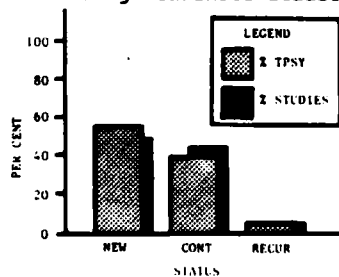
COMBAT APPLICATION	N	%N	%R
Combat	17	20	20
Combat Support	14	15	30
CSS	47	50	35
None	15	15	15
TOTAL	93	100	100

• Fifty-five percent of the Readiness studies will have a short term payback. However, mid-term payback study efforts will account for half of the resources.



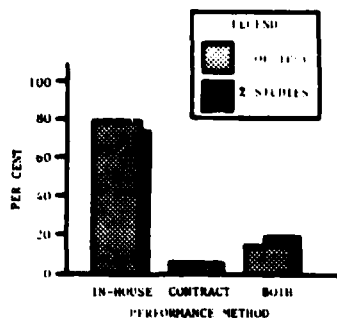
PAYBACK	N	%N	%R
Short Term	51	55	40
Mid Term	30	30	50
Long Term	12	15	10
TOTAL	93	100	100

• There is an even distribution of resources between new and continuing Readiness studies.



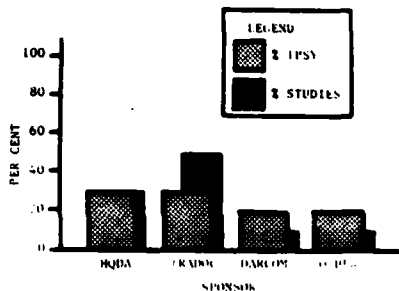
STATUS	N	%N	%R
New	50	55	50
Continuing	39	40	45
Recurring	4	5	5
TOTAL	93	100	100

- A majority of the Readiness studies will be performed in-house.



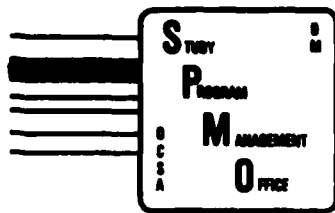
PERFORMANCE METHOD	N	WN	NR
In-House	72	80	70
Contract	6	5	5
Both	15	15	25
TOTAL	93	100	100

- The primary sponsors of HQDA Readiness studies are COE, ODCSOPS, ODCSPER and TSG.



SPONSOR	N	WN	NR
HQDA	30	32	30
TRADOC	31	33	50
DARCOM	18	20	10
Other	14	15	10
TOTAL	93	100	100

Contributions to the Readiness goal can best be characterized by the phrase "will change the way the Army carries out its operations." Results from the Readiness studies will directly affect the way units are organized and equipped for combat, the way units communicate, the way they handle personnel, and the way casualties are treated. Fully 55 percent of the Readiness studies fall into the operational category. The second largest consists of training studies. The balance of the studies are distributed over a variety of categories emphasizing models, data compilation, and other contributions to the studies and analyses business.

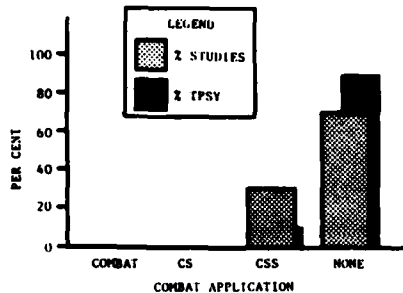
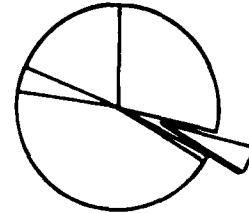


GOAL II: HUMAN

"A Total Army composed of military and civilian professionals..."

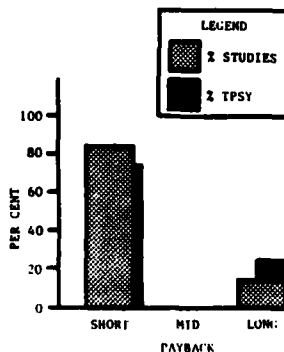
• Approximately 4% or 14 of the planned Fiscal Year 83 program will support the Human Goal utilizing 4% of the total planned resources or 50 professional staff years (PSY). This is composed of 31 in-house PSY and 19 contract PSY.

• 30% of the studies which support the Human Goal have an application to the combat function.



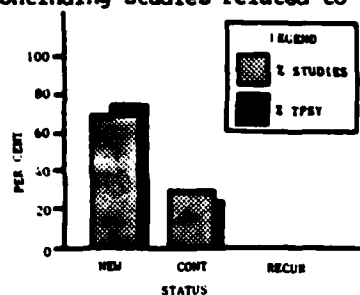
COMBAT APPLICATION	N	%N	%R
Combat	0	0	0
Combat Support	0	0	0
CSS	4	30	10
None	10	70	90
TOTAL	14	100	100

• The majority of studies addressing the Human Goal are short-term efforts.



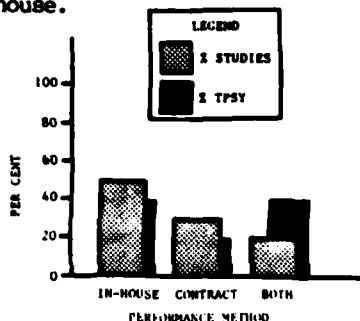
PAYBACK	N	%N	%R
Short Term	12	85	75
Mid Term	0	0	0
Long Term	2	15	25
TOTAL	14	100	100

- There are two and a half times as many planned new studies vs. continuing studies related to the Human Goal.



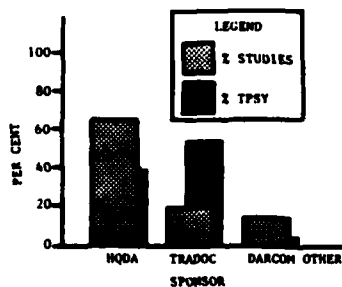
STATUS	N	SN	SR
New	10	70	75
Continuing	4	30	25
Recurring	0	0	0
TOTAL	14	100	100

- Half of the studies related to the Human Goal will be done in-house.



PERFORMANCE METHOD	N	SN	SR
In-House	7	50	40
Contract	4	30	20
Both	3	20	40
TOTAL	14	100	100

- ODCSPER will sponsor five of the nine HQDA study efforts supporting the Human Goal; TSG will sponsor three and CCH will sponsor one.



SPONSOR	N	SN	SR
HQDA	9	65	40
TRADOC	3	20	55
DARCOM	2	15	5
TOTAL	14	100	100

With only 14 studies contributing to the Human goal, classification is not very significant. About 20 percent of the studies are related to support of the military family, another 20 percent to health issues, and about 28 percent to personnel.

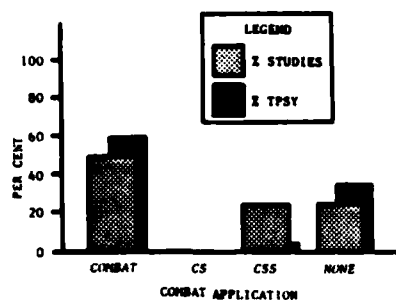
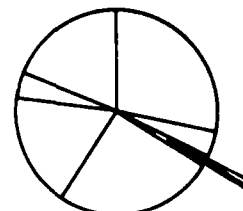


GOAL III: LEADERSHIP

"A Total Army whose leaders at all levels..."

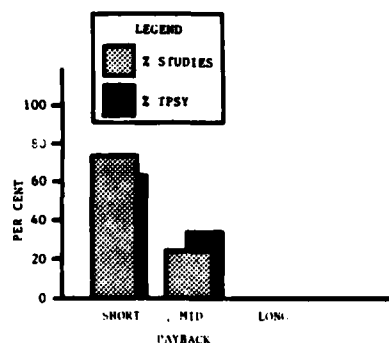
• One percent or 4 of the studies planned for FY 83 will address the Leadership Goal. Similarly 1% of total study resources or 13 professional staff years (PSY) will support this effort. This is composed of 10 in-house PSY and 3 contract PSY.

• Three out of the four studies planned for the FY 83 program which address the Leadership Goal have an application to the combat function.



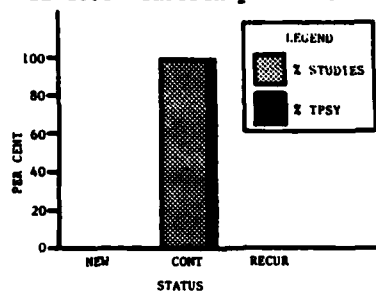
COMBAT APPLICATION	N	%N	%R
Combat	2	50	60
Combat Support	0	0	0
CSS	1	25	5
None	1	25	35
TOTAL	4	100	100

• Three of the four Leadership related studies have an anticipated short term payback.



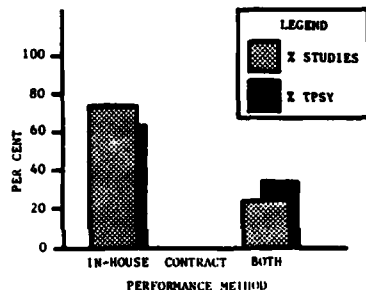
PAYBACK	N	%N	%R
Short Term	3	75	65
Mid Term	1	25	35
Long Term	0	0	0
TOTAL	4	100	100

- All four Leadership studies are continuing efforts.



STATUS	N	%N	%R
New	0	0	0
Continuing	4	100	100
Recurring	0	0	0
TOTAL	4	100	100

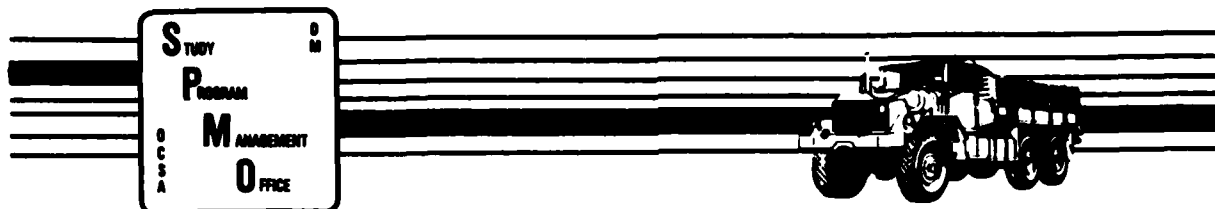
- Three of the four Leadership related studies planned for the FY 83 program will be done in-house.



PERFORMANCE METHOD	N	%N	%R
In-House	3	75	65
Contract	0	0	0
Both	1	25	35
TOTAL	4	100	100

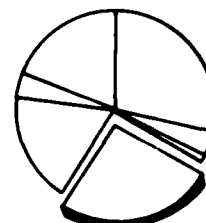
- TRADOC will continue to sponsor each of these studies. SSC, CHAPS, CHEMLS, FAS are the performing agencies.

With only four studies contributing to Leadership, classification is meaningless.



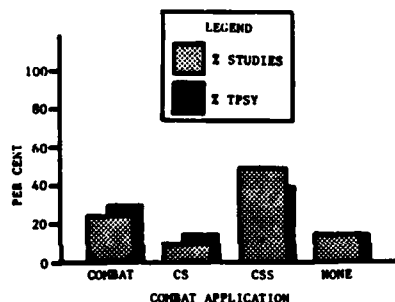
GOAL IV: MATERIEL

"A Total Army equipped and sustained to win any land battle."



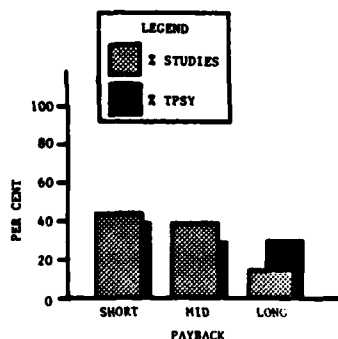
• Twenty-six percent of the planned FY 83 study program or 86 studies are devoted to the Materiel Goal. 17% of planned study resources or 217 professional staff years (PSY) will support this effort. This is composed of 188 in-house PSY and 29 contract PSY.

• Eighty-five percent of the studies related to the Materiel Goal have an application to the combat function.



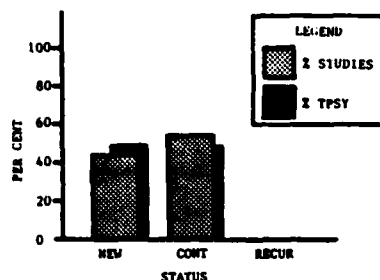
COMBAT APPLICATION	N	%N	%R
Combat	22	25	30
Combat Support	9	10	15
CSS	42	50	40
None	13	15	15
TOTAL	86	100	100

• Thirty percent of the resources will be devoted to Materiel studies with a long term payback.



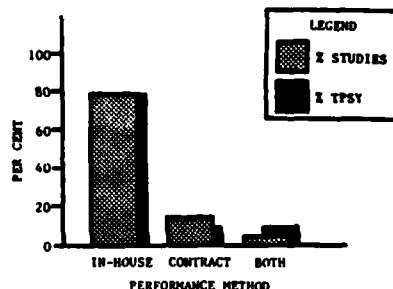
PAYBACK	N	%N	%R
Short Term	39	45	40
Mid Term	32	40	30
Long Term	15	15	30
TOTAL	86	100	100

- Resource levels for studies supporting the Materiel Goal will be evenly divided between new and continuing studies.



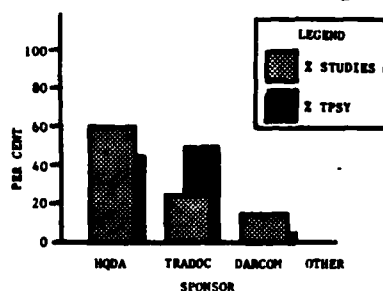
STATUS	N	WN	WR
New	38	45	50
Continuing	48	55	50
Recurring	0	0	0
TOTAL	86	100	100

- Eighty percent of the studies relating to the Materiel Goal will be performed in-house.



PERFORMANCE METHOD	N	WN	WR
In-House	68	80	80
Contract	15	15	10
Both	3	5	10
TOTAL	86	100	100

- A majority of the Materiel studies are sponsored by HQDA. Of the 55 studies sponsored by HQDA, ODCSLOG will sponsor 41.



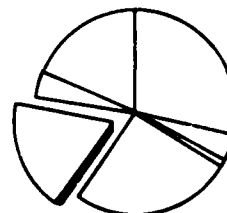
SPONSOR	N	WN	WR
HQDA	55	60	45
TRADOC	20	25	50
DARCOM	11	15	5
TOTAL	86	100	100

Supply and logistics make the major contributions in the area of Materiel studies. About one-third of the studies address these issues. The only other major subcategory is maintenance.



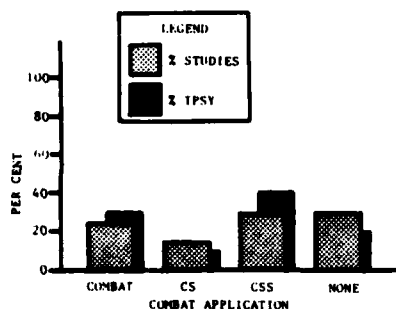
GOAL V: FUTURE DEVELOPMENT

"A Total Army sensitive to innovative approaches..."



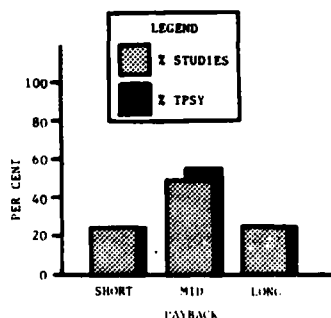
• Eighteen percent of the planned total study program or 60 studies address the Future Development Goal. Thirty-six percent of total planned study resources or 468 professional staff years (PSY) will support this effort. This is composed of 425 in-house PSY and 43 contract PSY.

• Seventy percent of the Future Development studies have an application to the combat function. 80% of the resources devoted to Future Development will be used to support this effort.



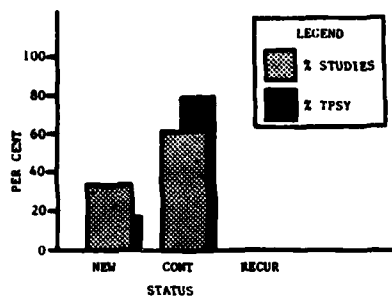
COMBAT APPLICATION	N	%N	%R
Combat	14	25	30
Combat Support	10	15	10
CSS	19	30	40
None	17	30	20
TOTAL	60	100	100

• The payback for seventy-five percent of the Future Development studies is estimated to be within ten years.



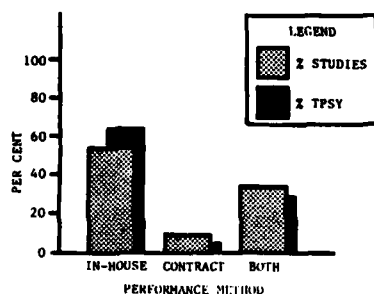
PAYBACK	N	%N	%R
Short Term	16	25	20
Mid Term	28	50	55
Long term	16	25	25
TOTAL	60	100	100

- Over sixty percent of the studies supporting the Future Development Goal are continuing efforts.



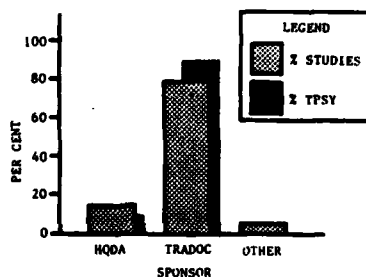
STATUS	N	%N	%R
New	21	35	17
Continuing	38	63	82
Recurring	1	2	1
TOTAL	60	100	100

- Approximately fifty-five percent of the Future Development studies will be done in-house.



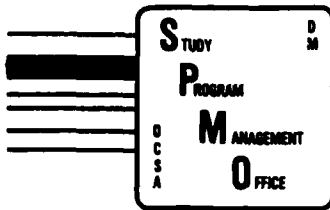
PERFORMANCE METHOD	N	%N	%R
In-House	33	55	65
Contract	6	10	5
Both	21	35	30
TOTAL	60	100	100

- TRADOC will sponsor over 80% of the efforts within this goal and use 90% of the resources supporting Future Development.



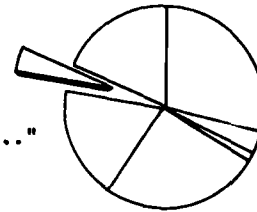
SPONSOR	N	%N	%R
HQDA	10	15	8
TRADOC	46	80	90
INSCOM	4	5	2
TOTAL	60	100	100

Twenty-five percent of the Future Development studies are focused on the development and improvement of models and analytical support mechanisms. About one-third of the studies will affect the way the Army can be expected to operate in the future: combat operations, engineer operations, defensive operations, and logistics. The remainder deal primarily with future hardware developments.



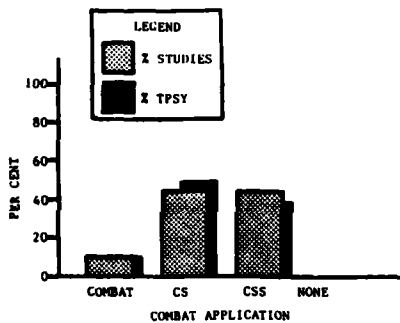
GOAL VI: STRATEGIC DEPLOYMENT

"A Total Army...capable of deploying...to any part of the globe..."



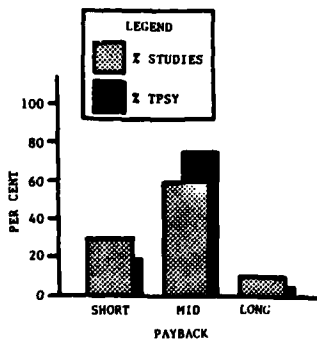
- Four percent of the planned FY 83 study efforts or 13 studies are related to the Strategic Deployment Goal. Approximately five percent of the study resources or 68 professional staff years (PSY) will be used to support this goal. This is composed of 65 in-house PSY and 3 contract PSY.

- One hundred percent of the strategic deployment studies have an application to the combat function.



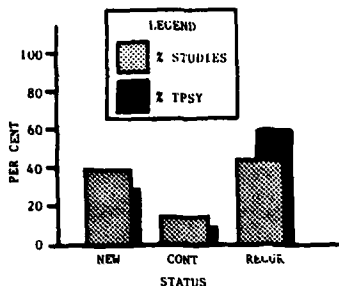
COMBAT APPLICATION	N	%N	%R
Combat	1	10	10
Combat Support	6	45	50
CSS	6	45	40
None	0	0	0
TOTAL	13	100	100

- The majority of the studies related to Strategic Deployment have an estimated payback of ten years or less.



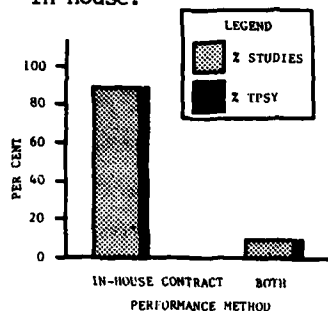
PAYBACK	N	%N	%R
Short Term	4	30	20
Mid Term	8	60	75
Long Term	1	10	5
TOTAL	13	100	100

- Over fifty percent of the studies supporting this goal represent continuing or recurring efforts.



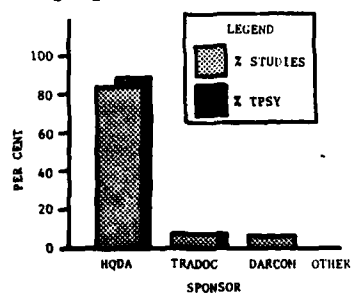
STATUS	N	%N	%R
New	5	40	30
Continuing	2	15	10
Recurring	6	45	60
TOTAL	13	100	100

- Ninety percent of the Strategic Deployment studies will be done in-house.



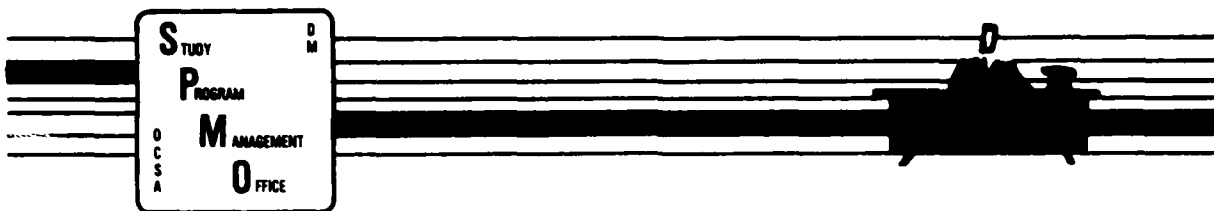
PERFORMANCE METHOD	N	%N	%R
In-House	12	90	90
Contract	0	0	0
Both	1	10	10
TOTAL	13	100	100

- Within HQDA, ODCSOPS will sponsor 75% of the planned strategic deployment studies.



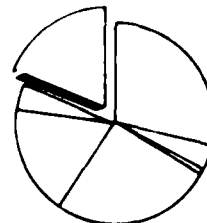
SPONSOR	N	%N	%R
HQDA	11	86	90
TRADOC	1	7	8
DARCOM	1	7	2
TOTAL	13	100	100

A large percentage of the Strategic Deployment studies focus on materiel requirements. The balance of the studies address diverse areas. Among these are joint operations, planning, transportation, requirements and models.



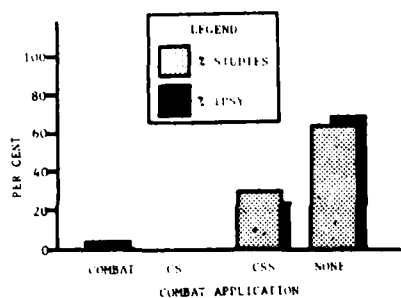
GOAL VII: MANAGEMENT

"A Total Army which efficiently and effectively..."



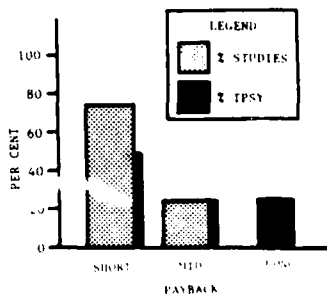
• Nineteen percent of the planned FY 83 study program or 62 studies are devoted to studies dealing with the Management Goal. Eleven percent of the planned FY 83 study program resources or 144 professional staff years (PSY) will support this effort. This is composed of 94 in-house PSY and 50 contract PSY.

• Only one third of the Management studies have a combat application.



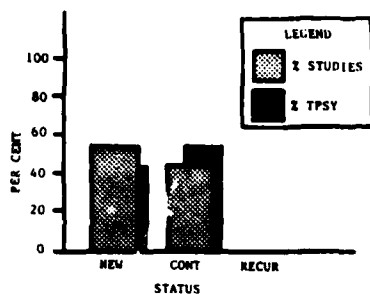
COMBAT APPLICATION	N	%N	%R
Combat	1	2	4
Combat Support	1	2	1
CSS	19	30	25
None	41	66	70
TOTAL	62	100	100

• Approximately seventy-five percent of the studies within the Management Goal have an estimated short term payback.



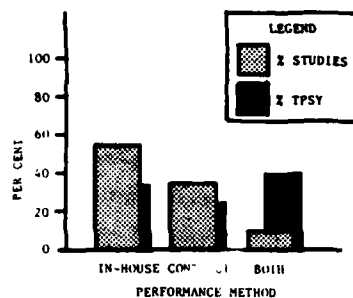
PAYBACK	N	%N	%R
Short Term	46	74	50
Mid Term	15	24	25
Long Term	1	2	25
TOTAL	62	100	100

- Over fifty percent of the Management studies represent new studies.



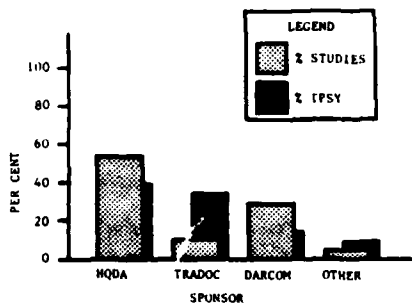
STATUS	N	%N	%R
New	35	55	45
Continuing	27	45	55
Recurring	0	0	0
TOTAL	62	100	100

- Fifty-five percent of the studies pertaining to the Management Goal will be performed in-house.



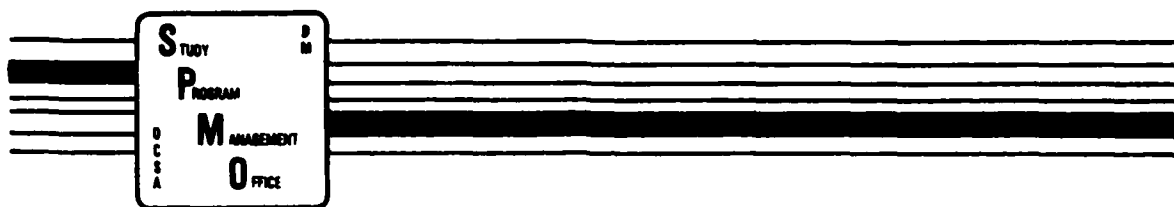
PERFORMANCE METHOD	N	%N	%R
In-House	33	55	35
Contract	21	35	25
Both	8	10	40
TOTAL	62	100	100

- ODCSPER will sponsor 30% of the planned FY 83 studies related to the Management Goal. ODCSRADA, COA, TSG, TAG, and CAA will sponsor the remaining 10% of the studies planned by HQDA.



SPONSOR	N	%N	%R
HQDA	36	55	40
TRADOC	4	10	35
DARCOM	18	30	15
Other	4	5	10
TOTAL	62	100	100

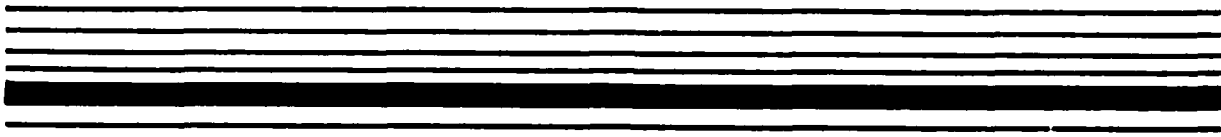
The management studies concentrate primarily on the personnel management area and on management systems developments and improvements. The remaining management studies cover a variety of areas: health care, logistics, organization structure, Army publication management, foreign military sales and security assistance.



CHAPTER 3

SUMMARY STATISTICS OF STUDIES BY TOTAL ARMY GOAL

This Chapter lists the primary statistics used to analyze the FY 83 Study Program. A Key is provided on the next page to explain each descriptor. Following the Key is a listing of the codes used to identify sponsoring and performing agencies.



KEY

STATUS

N = NEW STUDY
C = CONTINUING STUDY
R = RECURRING STUDY

PERFORMANCE METHOD

I = IN-HOUSE
C = CONTRACT
B = BOTH

TOTAL PSY

NUMBER OF PROFESSIONAL STAFF YEARS FOR IN-HOUSE STUDIES. CONTRACT DOLLARS ARE TRANSPOSED INTO PROFESSIONAL STAFF YEARS. STUDIES CATEGORIZED AS BOTH COMBINE CONTRACT DOLLARS (TRANSPOSED INTO PSY) AND PSY FROM IN-HOUSE PART OF THE EFFORT.

PAYBACK

DEFINED AS WHEN THE STUDY IS ESTIMATED TO START BENEFITTING THE ARMY.

S = SHORT TERM EFFORTS WITH AN ESTIMATED PAYBACK TO THE ARMY OF LESS THAN 5 YEARS
M = MID TERM EFFORTS WITH AN ESTIMATED PAYBACK BETWEEN 5 AND 10 YEARS
L = LONG TERM EFFORTS WITH AN ESTIMATED PAYBACK OF GREATER THAN 10 YEARS

COMBAT APPLICATION

C = COMBAT
S = COMBAT SUPPORT
X = COMBAT SERVICE SUPPORT
Z = NO COMBAT APPLICATION



CODE LISTING OF SPONSORS AND AGENCIES IN NUMERICAL ORDER

<u>CODE</u>	<u>AGENCY</u>
00	USAREC, US ARMY RECRUITING COMMAND
02	OCSA, OFFICE CHIEF OF STAFF, ARMY
03	BMDPO, BALLISTIC MISSILE DEFENSE PROJECT OFFICE
04	DCSOPS, DEPUTY CHIEF OF STAFF FOR OPERATIONS
05	DCSPER, DEPUTY CHIEF OF STAFF FOR PERSONNEL
06	DCSLOG, DEPUTY CHIEF OF STAFF FOR LOGISTICS
07	DCSRDA, DEPUTY CHIEF OF STAFF FOR RESEARCH, DEVELOPMENT AND ACQUISITION
08	COA, COMPTROLLER OF THE ARMY
09	ACSI, ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE
12	TSG, THE SURGEON GENERAL
13	CCH, CHIEF OF CHAPLAINS
15	NGB, NATIONAL GUARD BUREAU
17	TAGC, THE ADJUTANT GENERAL
18	CAA, CONCEPTS ANALYSIS AGENCY
20	TRADOC, TRAINING AND DOCTRINE COMMAND
22	DARCOM, MATERIEL DEVELOPMENT AND READINESS COMMAND
25	CIDC, CRIMINAL INVESTIGATION COMMAND
27	HSC, HEALTH SERVICES COMMAND
28	INSCOM, INTELLIGENCE AND SECURITY COMMAND
32	COE, CHIEF OF ENGINEERS
34	SSI, STRATEGIC STUDIES INSTITUTE
35	LEA, LOGISTICS EVALUATION AGENCY

36 SSC, SOLDIER SUPPORT CENTER
37 AMSAA, ARMY MATERIEL SYSTEMS ANALYSIS AGENCY
38 ARRADCOM, ARMAMENT RESEARCH AND DEVELOPMENT COMMAND
39 ARRCOM, ARMAMENT MATERIEL READINESS COMMAND
41 CECOM, COMMUNICATIONS ELECTRONICS COMMAND
43 DESCOM, DEPOT SYSTEMS COMMAND
44 ERADCOM, ELECTRONICS RESEARCH AND DEVELOPMENT COMMAND
46 LSO, LOGISTICS STUDY OFFICE
49 MICOM, US ARMY MISSILE COMMAND
60 ESC, ENGINEER STUDY CENTER
66 MEPCOM, MILITARY ENLISTMENT PROCESSING COMMAND
70 ADS, AIR DEFENSE SCHOOL
71 ARMC, US ARMY ARMOR CENTER
73 AVNC, US ARMY AVIATION CENTER
74 CACDA, COMBINED ARMS COMBAT DEVELOPMENT CENTER
75 CHAPS, US ARMY CHAPLAINS SCHOOL
76 CHEMLS, US ARMY CHEMICAL SCHOOL
77 USAES, US ARMY ENGINEER SCHOOL
78 USAFAS, US ARMY FIELD ARTILLERY SCHOOL
79 USAIMA, US ARMY INSTITUTE FOR MILITARY ASSISTANCE
80 USAIS, US ARMY INFANTRY SCHOOL
81 USAICS, US ARMY INTELLIGENCE CENTER AND SCHOOL
82 USALOGCEN, US ARMY LOGISTICS CENTER
83 MPS, MILITARY POLICE SCHOOL
84 USAOC&S, US ARMY ORDNANCE CENTER AND SCHOOL



- 85 USAQMS, US ARMY QUARTERMASTER SCHOOL
- 86 USASCS, US ARMY SIGNAL CENTER AND SCHOOL
- 87 USATSCU, US ARMY TRANSPORTATION SCHOOL
- 88 TRASANA, TRADOC SYSTEMS ANALYSIS
- 96 NLABS, NATICK LABORATORIES

----- ARMYGOAL=1 GOAL=READINESS -----

S T U D Y N O	T I T L E	P E S R T F A M T E U T S H	C P S P O A P E M Y O R T A B N F P A S O S P C O R M Y L K R M
2953	ADV TECHNOLOGY TOTS FOR INTEL RESEARCH	N B	6.83 S M 09 09
2670	ADVANCED INVENTORY MODELS	C I	0.20 X M 22 37
2887	AH64 TRAINING DEVICE	C I	0.60 C S 20 87
1232	AIR THREAT TO CENTRAL EUROPE-90 (UPDATE)	R I	2.00 S L 28 28
2832	AMMO AFFORD ANALYSIS	N I	1.20 X S 18 18
1915	AN/TSQ-73 MISSILE MINDER (TSEA)	C I	2.80 S S 20 70
2656	ANAL OF VII CORPS ENGIN REQ FOR COMBAT	C I	3.00 C S 32 60
2310	ARMOR REMOTED TARGET SYSTEMS TDS	C I	0.60 C S 20 71
2671	ARMY BATTLEFIELD INTERFACE CONCEPT	C B	5.50 X L 20 74
2786	ARMY RESERVE RECRUITING FACTORS (ARRF)	N B	3.15 X S 00 00
2475	ARMY RESERVE UNIT MARKET POTENTIAL	C I	1.20 X S 00 00
2876	ARTY REGISTRATION AND ADJ SYSTEM TDS	N I	1.80 Z M 20 78
2911	ATE WORKLOADING MODEL & FACTORS ANALYSIS	N I	2.00 X S 22 37
2893	AUTOMATED DESIGN OF PLNG PROC, AIR DEF	C B	5.50 S M 20 70
2896	AVIATION MAINTENANCE MANPOWER & LOG ANAL	N I	1.00 X M 22 37
2954	AVIATOR TNG REQMT IN ARMO	N I	4.50 S S 18 18
2852	BATTLEFIELD CIRCULATION CONTROL STUDY	N I	2.60 X S 20 83
0700	BATTLEFIELD RECOVERY & EVACUATION CAPAB	C B	3.13 X M 20 84
2839	CAV FIGHTING VEH TEA FOLLOW UP	N I	4.00 Z S 20 71
2846	CHAPARRAL TSEA	N I	0.70 Z M 20 70
2849	CH47 PROD MODEL FLIGHT SIMULATOR	N I	1.10 Z M 20 73
2779	COLLATERAL DAMAGE CONSTRAINTS FOR CHEM	N I	1.50 S S 04 34

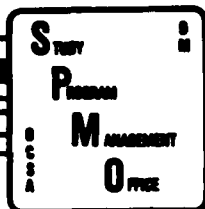


ARMYGOAL=1 GOAL=READINESS

S T U D Y N O	T I T L E	P E S R T F A M T E U T S H	C P S P O A P E M Y O R T A B N F P P A S O S P C O R Y L K R M	22	37
2912	COMBAT DAMAGE REPAIR PROGRAM	N I	5.00 X S	22	37
2005	COMBAT PLL/ASL METHODOLOGY	C I	1.00 S S	22	37
2556	COMBINED SECOND ECHELON INTERDICTION	C I	17.70 S M	20	74
2416	CONTINGENCY FORCE ANALYSIS	C I	11.00 X S	04	18
2760	CONUS AMEDD RESOURCE UTILIZATION IN MOB	N I	3.00 X L	12	27
1875	CORPS SUPPORT WEAPON SYSTEM (CTEA)	C I	45.70 S M	20	78
2781	CROSSASSIGNMENT OF RECRUITING MISSIONS	N I	0.40 X S	00	00
2856	C3 COUNTERMEASURES	N I	4.00 X M	20	74
2860	DETECTION & TRACKING OF TACTICAL NUC WPN	N B	9.00 X M	20	81
2530	DIVAD SUBCAL DEVICE TRAINING DEVELOPMENT	C I	2.00 Z S	20	70
2777	DOLLARS TO READINESS	N C	2.00 X S	04	04
2782	DRC EFFICIENCY MODEL	N I	0.30 X S	00	00
2906	DYNAMIC ANALYSIS OF AMMO PRODUCTION BASE	N C	5.00 S S	22	39
2850	ELEVATED SENSOR PLATFORM ANALYSIS CTEA	N I	5.20 X L	20	78
2483	ENLISTMENT INCENTIVES STUDY	C I	0.30 X S	00	00
2478	ENLISTMENT PROJECTION MODEL (EPM)	C I	0.60 X S	00	00
2788	EVAL OF REG MOB READINESS CAP OF USACE	C I	4.00 S S	32	60
2762	EVALUATION OF PHYSICAL READINESS PROGRAM	N I	1.00 X S	12	27
0740	EVALUATION OF PROVISIONING PROCEDURES	C I	1.00 X S	22	37
2929	FEDERAL EMPLOYEE UNIONS & MOBILIZATION	N C	0.50 Z S	05	05
2837	FIGHTING VEH TRAINING AMMO (TEA)	N I	15.10 Z M	20	80
2838	FIGHTING VEH UCOF TRAINER	N B	10.30 Z M	20	80

----- ARMYGOAL=1 GOAL=READINESS -----

S T U D Y N O	T I T L E	S E R I A L N U M B E R	P E R F O R M A N C E I N D E X	C O M P L E T E D P E R C E N T	P A S S I N G S C O R E	S C O R E	P E R C E N T
2877	GRND SURV REMOTE RADAR SYS/CTEA	N I	1.88	X	M	20	78
2878	GRND SURV REMOTE RADAR SYS/TDS	N I	2.00	X	M	20	78
2484	HIGH SCHOOL & BEYOND SURVEY	C B	8.29	X	S	00	00
2854	IEW SPT TO AIR DEFENSE OPERATIONS	N I	1.60	X	L	20	81
2871	INFANTRY REMOTE TARGET SYS/CTEA	N I	4.50	C	M	20	80
2397	KOREAN AIR FIELD DAMAGE REPAIR	C I	4.00	C	S	32	60
2907	MACHINE TOOL INDUSTRY STUDY	N C	8.55	S	S	22	22
1847	MATERIELS HANDLING AND PROCESSING	C I	3.50	Z	M	22	43
2764	MEDICAL DEFENSE AGAINST BIO WARFARE	N I	1.00	X	M	12	27
2491	MEDICAL SUPPORT IN AN NBC ENVIRONMENT	C I	2.00	X	L	12	27
2862	METEOR DATA SYS TDS	N I	1.70	Z	M	20	78
1848	METHODOLOGY FOR LOGISTIC SUPPORTABILITY	C I	8.20	X	S	22	37
2399	MIDDLE EAST TARGETING ANALYSIS (META)	C I	1.50	C	S	32	60
2630	MILITARY OPERATIONS RESEARCH SYMPOSIUM	R C	0.28	Z	L	02	02
0498	MOBREM	C B	5.50	X	M	04	18
2851	MORTAR TRAINING DEVELOPMENT STUDY	N I	2.10	Z	S	20	80
0461	MULTIPLE LAUNCH ROCKET SYSTEM (CTEA)	C I	8.80	X	M	20	78
2474	NATIONAL ADVERTISING EFFECTIVENESS STUDY	N B	9.47	X	S	00	00
0539	OMNIBUS 82	R I	3.00	C	S	04	18
2775	OMNIBUS 83	R I	3.00	C	S	04	18
0334	OPERATIONAL DEMOGRAPHIC ANALYSIS	C B	6.50	X	S	00	00
0746	OPNL READINESS ORIENTED LOG SPT MODEL	C I	1.00	X	S	22	37



----- ARMYGOAL=1 GOAL=READINESS -----

S T U D Y N O	T I T L E	P E R F O R M A N C E	C O M P L E X I T Y	P A S S I V E	S C A L E	P R O J E C T		
2784	PERS LONG RANGE PLNG SYS (PLRPS)	N	B	1.80	X	L	00	00
1238	PROJECTION OF SOVIET/MP CHEM WARFARE CAP	C	I	3.00	S	L	28	28
2766	PROTECTION & INSPECTION OF SUBS IN NBC	N	I	0.80	X	M	12	27
2901	READINESS R&I FUNCTIONS (ID/DOCUMENT)	N	I	1.00	X	S	22	37
2783	RECRUITING INCENTIVES SURVEY (.18)	N	I	1.00	X	S	00	00
2749	REDUCING SOLDIER LOAD	C	I	4.60	C	S	20	80
2477	RELAT SET PCTO RESRC, ENVIR, & ARMY RCTO	N	B	5.40	X	M	00	00
2797	SECURITY OF NUCLEAR WEAPONS MOVEMENTS	N	I	2.50	C	S	05	05
2861	SIMULATION TRAINER ANTIARMOR GUNNERY SYS	N	I	3.90	C	M	20	80
2952	SOVIET ANAL MODELS - II (SAM II/SAM-83)	N	B	3.75	C	M	09	18
2935	SOVIET SOLDIER: IMMIGRANTS W/SOVIET MIL	N	B	3.00	S	L	09	09
2333	TANK WEAPON GUN SIMULATION SYSTEM	C	I	0.50	C	M	20	71
2422	TEXTILE & APPAREL INDUSTRY CAPAB FOR MOB	C	C	2.00	X	S	22	96
1922	THREAT AMMO LOGISTICS CAPABILITIES	C	I	1.00	X	L	20	74
2007	TREATMENT OF ITEM ESSENTIALITY IN CCSS	C	I	0.50	Z	S	22	37
2928	UNIT READINESS INDICATOR	N	I	2.50	Z	S	05	05
2951	UNIT ROTATION SYSTEM ANALYSIS - III	N	I	4.50	C	S	05	18
2003	UPDATING FAILURE FACTORS	C	I	0.30	X	S	22	37
2787	USACE MANPOWER STUDY	C	I	8.50	X	S	32	60
2790	V CORPS ENGINEER ESTIMATE	N	I	5.80	C	S	32	60
2759	VETERINARY DOCTRINE IN SUPPORT OF MOB	N	I	1.80	X	L	12	27
0009	VIPER (CTEA)	C	I	5.70	C	M	20	80



----- ARMYGOAL=1 GOAL=READINESS -----

S T U D Y N O	T I T L E	P E R F O R M A N C E	T E S T S	C O M P A R I S O N	S C O R E	P E R C E N T
2796	VOLUNTEER VETERAN MOBILIZATION	N	I	2.0	X	S 05 05
2673	WAR RESERVE ADP SYSTEM PROJECT	C	I	1.0	X	M 22 37
2666	WARTIME DEPOT MAINTENANCE	C	I	2.0	2	S 22 37
2895	WEAPON SYSTEM NATIONAL STOCK NUMBER	N	I	1.5	X	M 22 37
2789	8TH ARMY ENGINEER FORCE ANALYSIS	N	I	6.0	C	S 32 60



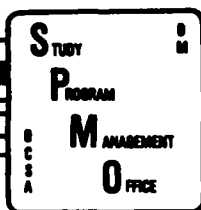
ARMYGOAL=2 GOAL=HUMAN

S	T	U	D	Y	N	O	P	E	C	P	S	P
							S	R	O	A	P	E
							T	F	M	Y	O	R
							A	M	T	A	B	H
							T	E	P	P	A	S
							U	T	S	P	C	O
							S	H	Y	L	K	R
2880	A	STUDY	OF	ARMY	FAMILIES		N	C	4.00	Z	S	05 05
2613	CIVILIANS	IN	COMBAT	ZONES	& UNSAFE AREAS		N	I	1.00	X	S	22 37
2770	DENTAL	QUALITY	ASSURANCE				N	I	0.80	X	S	12 27
2810	ENGINEER	& SCIENTISTS	DUAL	TRACK	SYSTEM		N	C	1.00	Z	S	05 05
2240	EVALUATION	OF	KARLSRUHE	BASOPS	SUPPORT		C	I	1.00	Z	S	22 37
2218	EVALUATION	OF	THE	ARMY	MERIT PAY SYSTEM		C	C	1.25	Z	S	05 05
2765	HEALTH	STATUS	OF	WOMEN	IN THE ARMY		N	I	1.00	X	S	12 27
2925	HISPANIC	CONTENT	IN	THE	ARMY THRU 2000		N	I	4.00	Z	S	05 05
2637	IMPROVED	MACRIT					C	I	8.00	Z	L	20 82
2930	MIL	SPOUSE	EDUCATION/EMPLOYMENT	STATUS			N	C	2.00	Z	S	05 05
1345	PRE	& POST	MARITAL	MINISTRY			C	B	1.20	X	S	13 13
2758	QUALITY	OF	CARE	INDICATORS			N	I	2.50	Z	S	12 27
2869	SELEC	CRIT	FOR	AIR	LAND BATTLE SOLDIER		N	B	2.20	Z	L	20 36
2868	SOLDIER	FACTORS	IN	MAA			N	B	14.50	Z	S	20 36



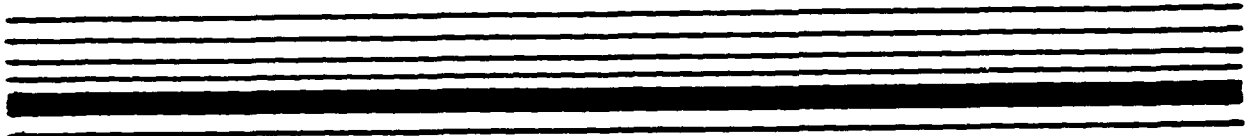
----- ARMYGOAL=3 GOAL=LEADERSHIP -----

S T U D Y N O	T I T L E	P E R F O R M A N C E	T P S Y	C O M P L	P A B P K	S O N S O R	P E R F O R M
1937	CHAPLAIN SUPPORT IN MANEUVER BATTALIONS	C	I	0.6	X	S	20 75
2889	CHEMICAL FORCE MULTIPLIER EFFECTS	C	I	0.2	C	S	20 76
2882	FIRE SUPPORT MAA UPDATE	C	I	7.8	C	S	20 78
2532	HUMAN SIDE OF COMBAT EQUATION	C	B	4.5	Z	M	20 36



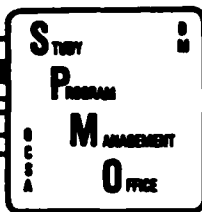
ARMYGOAL=4 GOAL=MATERIEL

S T U D Y N O	T I T L E	P E R F O R M A N C E	C O S T	P A S S O R T	P E R I O D
2836	AFA:DS COEA/CTEA	N I	8.00	C S	20 78
2886	AH64 MALA	C I	4.50	C S	20 73
2955	AH64A AO-AI RELATIONSHIP	N I	1.20	C M	06 18
2546	AIR-TO-AIR STINGER (PQA)	C I	15.50	C S	20 73
2733	AIRCRAFT SPARE PARTS REQNTS FORECASTING	N C	3.75	X S	07 07
2473	ALOC IN WARTIME	C C	1.00	X S	06 06
2915	ALT TO CONVENTIONAL MOBILITY FUELS	N I	3.00	C L	06 06
1366	ANTI TACTICAL BALLISTIC MISSILE (ATBM)	C C	1.75	C M	04 04
2629	APP OF LOG FEEDBACK DATA TO TECH BASE	C I	1.00	X S	06 46
2855	ARMY HELICOP IMPROVEMENT PROGRAM UPDATE	N B	11.00	S L	20 73
2347	ARMY MGT OF CLOTHING & EQUIPMENT	C C	2.54	X S	06 06
1342	ARMY SCI & TECH BASE RETURN ON INVESTMEN	C C	1.50	Z S	07 07
2922	AUTO MGT SYSTEMS FOR BULK POL	N I	1.50	X M	06 06
2945	AUTO RQMT FOR ARMY MGT OF CLOTHING/EQUIP	N C	2.50	X M	06 06
2737	AVIATION GROUND SUPPORT EQUIPMENT CLOE	N C	2.00	X S	07 07
1823	BASE OPERATIONS WORKLOAD STUDY	C I	4.70	Z S	06 18
2345	BMD TECH ASSESS & PLANNING	C C	0.81	Z M	03 03
2944	CLASS III PACKAGING	N I	1.00	X S	06 18
2942	COALITION WARFARE	N I	1.50	X M	06 18
2909	COMP.B DEFECTS AND SAFETY OF ARTILLERY	N I	0.50	C S	22 39
2917	CONTAINERIZED CARGO DIST SIZING ANAL	N I	0.60	X S	06 06
2936	DAY OF SUPPLY VS. DAY OF SUSTAINABILITY	N *	0.50	X S	06 18



----- ARMYGOAL=4 GOAL=MATERIEL -----

S				P					
T				E			C	P	S
U	T			S	R		O	A	P
D	I			T	F		M	Y	O
Y	T			A	M		T	A	B
N	L			T	E		P	P	A
O	E			U	T		S	P	C
				S	H		Y	L	K
								R	M
2215	DEGRADED MODE OPERATION CONSIDER FOR C3I	C	I	1.00	S	S	22	37	
1392	DETERMINATION OF MATERIEL CANCELLATION	C	I	1.00	Z	S	06	37	
2200	DIRECT SPT AUTOMATIC TEST SUPPORT SYSTEM	C	I	5.00	X	M	20	82	
2562	DIST OF CLASS III PCK PRODUCTS IN THEA	C	I	1.00	X	L	20	85	
1887	DIVISION SUPPORT WEAPON SYSTEM (CTEA)	C	I	5.30	C	M	20	78	
2116	DIVISION SUPPORT WEAPONS SYSTEM (DSWS)	C	I	1.00	C	L	22	38	
2921	ECON MODEL FOR MAINT SYST	N	I	2.00	C	M	06	06	
1821	ECON MODEL FOR OPTIMIZING TROOP DINING F	C	I	1.00	X	S	06	18	
2150	ELECTRONIC WARFARE SYSTEMS STUDY	C	I	1.00	S	S	22	37	
2923	ELEVATED CAUSEWAYS FOR LOTS OPS	N	I	0.30	C	L	06	06	
2821	EVAL OF CMF-76 (SUPPLY)	C	I	2.60	X	S	06	85	
2712	EVAL OF STOCKAGE OBJECTIVES	C	I	3.00	X	S	06	18	
2835	FIBER OPTICS GUIDED MISSILE	N	I	8.00	S	L	20	73	
2698	FIRE SUPPORT TEAM VEH (FIST V)	C	I	0.30	C	M	20	78	
2394	FORWARD AREA LASER SYS - TAC & FISCAL	C	I	6.50	C	M	07	18	
2934	FORWARD MAINT OF ELECTRONIC COMPONENTS	N	I	1.80	X	L	06	18	
2745	IEW, ELECTROMAGNETIC SIGNATURE/SIGNAL	C	I	1.50	X	M	20	81	
2822	ILS COST PROG	N	I	0.60	X	M	06	06	
2920	INTEGRATION OF MTMC/MSC	N	I	0.50	X	M	06	06	
2937	INTERSERVICE SUPPORT WARTIME STUDY	N	I	0.80	X	S	06	18	
2823	JOINT PROG ASSESS MEMO (JPAM)	C	I	0.80	X	M	06	18	
2914	LOGISTICS IN AMIP MODELS	N	I	3.00	X	M	06	18	

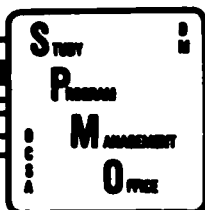


ARMYGOAL=4 GOAL=MATERIEL

S T U D Y N O	T I T L E	P R O J E C T S P E C I F I C A T I O N S	C O S T E S T I M A T E S	P E R I O D S	P R O J E C T S	P E R I O D S
2919	LOGISTICS PLANNING APPORTIONMENT	N I	1.00	C M	06	06
2941	LONG RANGE RESOURCE DEV & ACQUI PLANNING	N C	1.80	C L	07	07
2883	LT HELICOPTER FAMILY/COEA	N I	13.50	X L	20	73
2735	MANAGEMENT OF BLOCK IMPROVEMENTS	N C	1.00	X M	07	07
2411	MANAGEMENT OF MTOE EDATES	C I	4.70	S S	06	18
2824	MAX FLYING HOURS FOR ARMY AIRCRAFT	C I	2.50	C S	06	18
2939	MAXFLY PHASE - II	N I	2.00	X M	06	18
0271	METHODOLOGY FOR ESTIMATING USEFUL LIFE	C I	1.00	X S	22	37
2724	MICROCLIMATE SYSTEM TRADE-OFF STUDY	C C	0.85	C L	22	96
2144	MILLIMETER WAVE ELECTRONIC SCAN ANTENNAS	C I	0.50	S L	22	44
2843	MINI ATTACK DRONE	N B	3.30	Z M	20	78
2776	MOBADDs III	C I	0.70	S S	04	18
2956	MOBILITY PLANNING/PROGRAMMING INTERFACE	N I	3.00	X S	06	18
2840	MSE-P/J HYBRID-SINGOCARS RELATIONSHIP	N I	4.00	Z L	20	86
2948	MULTI ECHELON SUPPLY MODEL (MESM)	N I	2.50	C M	06	18
1079	NATO ARMY ARMTS GRP TAC & LOG (PANEL XI)	C I	2.00	X S	07	18
2778	NBC CONTAMINATION SURVIVABILITY	N C	1.00	S M	04	04
2425	OPTIM OF USAREUR AMMO CALL-FWD	C I	1.00	X M	06	43
2947	PACKAGED CLASS III INTERCHANGEABILITY	N I	1.00	X S	06	18
2943	PACKAGED CLASS III RQMTS COMPUTATION	N I	1.00	X S	06	18
2696	POWER SOURCES STUDY	C I	1.50	Z M	20	77
2732	RDTE PROCEDURES FOR MINOR ITEMS OR SMALL	C C	2.60	Z S	07	07

----- ARMYGOAL=4 GOAL=MATERIEL -----

S T U D Y N O	T I T L E	P E R F O M T E S H	T P S Y	C O M P P L	P A B A C K	S P O S O R	P E R F O R M
2257	RECPOM	C	I	3.50	X	S	04 18
1069	RELATIONSHIP BETWEEN MUZZLE POSITION	C	I	1.00	C	S	22 37
2485	RESIDUAL RISK AS MEASURE OF RDTE PROGRAM	C	C	1.00	Z	S	07 07
0767	RIMSTOP IMPLEMENTATION	C	I	1.50	X	S	06 37
2714	ROLE OF SECURITY ASSISTANCE IN WARTIME	C	I	3.00	C	L	06 34
2148	SENSOR SYSTEM STUDY	C	I	1.00	S	M	22 37
2563	SIGMA (PQA)	C	I	2.00	C	M	20 74
2826	SPEC DEFENSE ACQ FUND	C	I	1.50	X	M	06 35
2842	SPECIAL ELECTRONIC MISSION AIRCRAFT	N	I	7.30	X	L	20 73
2908	SPREAD SPECTRUM POLLUTION & EFFECTS	N	C	0.56	Z	M	22 41
2751	STARLOG 81	C	I	0.50	X	S	20 84
2863	SURVIV OF UNMANNED AIR RECON VEN TOT ACQ	N	B	6.00	Z	M	20 81
1874	TERMINAL GUIDED SUBMISSILES/COEA	C	I	3.60	X	M	20 78
2753	THEA ARMY POST DEPLOY SOFTWARE SYS (PDS8)	C	I	2.60	Z	L	20 82
2918	TRANSPORTATION WORKLOAD FORECASTING	N	I	0.80	X	M	06 06
2827	UNIT PRODUCTIVITY TRANS	C	I	4.00	X	S	06 06
2916	VISIBILITY OF ASSETS BELOW DEPOT (VISA)	N	I	2.50	X	M	06 35
2634	WAR REPLACEMENT FACTORS, ASF CDE EQUIP	C	I	1.60	C	S	06 82
1393	WARRANTY DECISION PROCESS	C	I	0.50	Z	S	06 46
2723	WESTCOM VEHICLE RUST & CORROSION STUDY	C	I	0.00	X	S	22 37



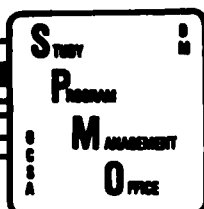
----- ARMYGOAL=B GOAL=FUTURE DEVELOPMENT -----

S T U D Y N O	T I T L E	P E S R T F A M T E U T S H	Y	C O M P A M P P C L K	P A B A S C O R R M
2576	ABCA QUADRAPARTITE WORK GROUP: TERRAIN	C I	15.00	C L	20 88
1844	AIR DEFENSE MAA	C B	7.90	C M	20 70
2706	ALRA 1	C I	0.20	S L	04 18
2890	ANNUAL FIELD EXPERIMENT TO SPT MODELING	C I	2.00	Z S	20 71
0404	ARMY AIR DEFENSE COMMAND & CONTROL	C I	2.00	X M	20 70
2558	ARMY AIR DEFENSE FIRING DOCTRINE	C I	6.50	C S	20 70
2557	ARMY COMMAND AND CONTROL MASTER PLAN	C I	46.60	X L	20 74
1231	ARMY LONG RANGE PLANNING ESTIMATE (LRPE)	C C	2.03	S L	28 28
2553	CASTFOREM DEV	C I	4.00	Z M	20 88
2691	CHEM ANALYSIS OF EUROPE III SCORES	C B	2.33	X M	20 76
2315	CLOSE COMBAT HEAVY MAA	C B	12.95	C S	20 71
0175	CLOSE COMBAT, LIGHT MAA	C I	2.00	C S	20 80
1405	COMBAT SUPPORT (NBC) MAA, PHASE-I	C B	3.96	S M	20 76
1910	COMBAT SUPPORT ENG AND MINE WAR MAA	C B	10.50	S M	20 77
2834	COMBAT SUPPORT NBC MAA PH II	N I	5.00	S M	20 76
2875	COMMO ALTERNATIVES FOR OVER HORIZON SENS	N B	4.06	X M	20 81
2538	COMMUNICATIONS MAA, LEVEL II	C I	6.50	X M	20 86
2525	CORDIVEM	C B	21.50	Z M	20 74
0566	CORPS 86 STUDY	C I	45.70	X M	20 74
2830	COSAGE ENHANCEMENT	N B	4.75	Z M	18 18
1923	COST METHODOLOGY TO SUPPORT ARMY 86-88	C I	0.80	Z M	20 74
2873	COUNTERTERRORISM STUDY	N I	4.50	X S	20 83



----- ARMYGOAL=B GOAL=FUTURE DEVELOPMENT -----

S T U D Y N O	T I T L E		P E S R T F A M T E U T S H		C O M T P S P C O R M	P A P O R F S O R M
2870	CP SCTY CONCERNS FOR DIV/CORPS/EAC		N I	2.10	X H	20 83
2884	C2 SUBSYS OF AFATDS		C I	6.00	X S	20 78
0153	ECHELONS ABOVE CORPS		C I	22.60	X H	20 74
2575	EFFECTS OF NUC REL DOC ON CBT EFF		C I	2.00	C H	20 74
1007	ENGINEER MODELING STUDY		C B	4.50	X H	20 77
2833	FORCE EFFECTIVENESS MEASURES		N I	1.70	X S	18 18
2829	FORCEM		N C	2.30	Z H	18 18
2858	FUTURE MUNITIONS SUPPORT CONCEPTS		N B	4.00	X H	20 20
2845	HIGH & MEDIUM AIR DEF SYSTEMS INTEROP		N B	4.34	X L	20 70
2946	HQ SOUTHCOM INTEL ADP SPT RQMT		N B	4.00	S L	09 09
2844	INAWK EVOLUTION		N B	2.50	S L	20 70
2864	IMPACT OF THREAT MOD TECH		N B	7.00	X L	20 81
2933	IMPLICATIONS OF SPACE SYST FOR THE USA		N C	3.30	Z L	04 04
1784	IMPROV DEFINITION OF THE OBJECTIVE FORCE		C I	15.00	Z L	04 18
1839	INTEL & ELEC WARFARE MODEL/PH II		C B	7.00	X L	20 88
2554	JANUS ENHANCEMENTS FOR CGSC		C I	3.00	Z H	20 88
2874	LARGE AREA SMOKE SIM		N B	5.30	Z H	20 76
0177	LIGHT DIV 86 STUDY		C I	68.70	C H	20 74
2866	MAINT CAP ATTACK MODEL (MACATAK)		N I	0.50	Z H	20 82
2569	MALA METHODOLOGY		C I	2.00	Z L	20 82
2688	MANEUVER CONTROL SYST COST PERFORMANCE		C I	22.80	Z S	20 74
2891	METEOR DATA SYS, AN/TMQ31 (COEA)		C I	1.70	C S	20 78



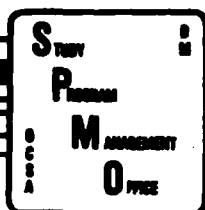
ARMYGOAL=B GOAL=FUTURE DEVELOPMENT

S T U D Y N O	T I T L E		P E R F O R M A N C E			C O M P A R I S O N	P A R A M E T E R S	P E R F O R M A N C E	
			S T R U C T U R E	T I M E	P O I N T S				
2536	MILITARY OPERATIONS IN URBAN TERRAIN		C	B	3.50	C	S	20	88
2831	MODEL DEV/IMP		R	C	2.30	Z	S	18	18
2853	MODELING CONTINUOUS OPERATION VARIABLES		N	B	8.25	Z	M	20	36
2885	NURADS COEA/CTEA		C	I	4.50	S	S	20	78
1237	PROJECTION OF SOVIET/MP E/W THREAT		C	I	1.50	S	L	28	28
2841	RESTRUCTURING DIV FM NETS		N	I	2.00	X	M	20	86
2452	ROBOTICS IN THE ARMY		N	C	2.00	C	L	07	07
1215	SOVIET/MP GROUND/AD THREAT (GADT)		C	I	0.10	C	S	28	28
2750	SPECIAL FORCES SYSTEM ANALYSIS		C	I	7.30	C	S	20	79
1929	STRUCTURING THE DIV FOR CONTINUOUS OPS		C	B	8.25	C	M	20	74
1216	TAC AND STRATEGIC AIR-TO-SURFACE MISSILE		C	I	4.00	S	S	28	28
2857	TANK FLEET ANALYSIS STUDY		N	I	6.00	C	L	20	71
2734	TECH INNOVATION AND TRANSFER POTENTIAL		C	C	0.09	Z	S	07	07
2872	UTIL OF MM WAVE COMM COLLECTION		N	B	2.55	X	L	20	81
2391	VECTOR II COMB EFF ANALYSIS		C	I	7.00	Z	M	20	88
2359	VULNERABILITY ASSESSMENTS		N	B	5.00	X	M	20	49



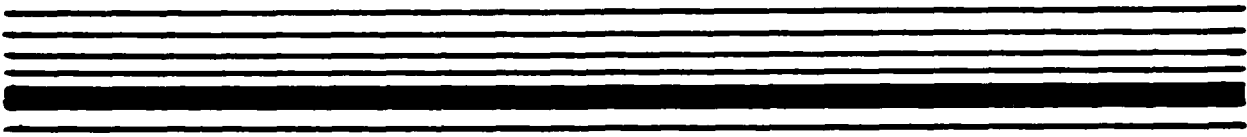
----- ARMYGOAL=6 GOAL=STRATEGIC DEPLOYMENT -----

S			P		C	P	S	P	
T			E		O	A	P	E	
U	T		R		M	Y	O	R	
D	I		T		A	S	N	F	
Y	T		E	T	P	A	S	O	
N	L		U	T	S	P	C	D	
O	E		S	M	Y	L	K	R	
2425	AFPD	84-93	R	I	3.9	X	S	04	18
2772	ALRA	II	C	I	3.2	S	L	04	18
2773	JSPD	ANALYSIS - 83	R	I	3.2	C	M	04	18
2940	MICAF		N	I	3.0	X	S	04	18
2894	SUPPORT TO HIGH TECH LIGHT DIV (HTLD)		N	I	1.0	S	S	22	37
0545	TAA - 88/AYA		C	I	3.0	X	M	04	18
2774	TAA - 90		R	I	7.0	X	M	04	18
2865	TRANS SUPPORT TO CONTINGENCY OPS		N	I	3.0	X	M	20	37
2828	TRANSMO IMPROVEMENT		N	I	6.3	X	M	18	18
2443	WARTIME REQ NEAR TERM - FY 85 (EUROPE)		R	I	6.5	S	S	04	18
2949	WARTIME REQ NEAR TERM - FY 87 (MID EAST)		N	I	6.1	S	M	04	18
2434	WARTIME REQ PROGRAMMING - FY90 (EUROPE)		R	I	13.0	S	M	04	18
2435	WARTIME REQ PROGRAMMING - FY90 (KOREA)		R	I	3.0	S	M	04	18



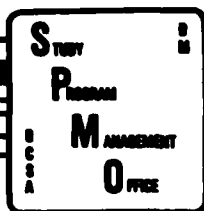
ARMYGOAL=7 GOAL=MANAGEMENT

S T U D Y N O	T I T L E	P E S R T A M T U S H	C O M T P S Y L	P A B P C K	S O Y A S O R	P E R F O R M
2492	AMBULATORY CARE DATA BASE	C I	1.40	X S	12 27	
2848	ARMOR MISSION AREA DEV PLAN	N B	5.00	C S	20 71	
2812	ARMY AWARDS POLICY	N I	1.00	Z S	05 05	
2349	ARMY BASELINE MANPOWER REQUIREMENTS	C C	1.85	X S	05 05	
2761	ARMY HEALTH SER REQ & THE TERT CARE SYST	N C	2.40	X S	12 27	
2799	ARMY PRISONER POPULATION PREDICTION	N I	1.50	Z S	05 18	
2729	ARMY SCI & ENG APPRENTICE PROG FOR HS	C C	1.00	Z M	07 07	
2738	ARMY STRAT BALLISTIC MSL INIT MOT PLAN	C B	34.00	Z L	20 70	
2910	ARMY-86 IMPACT ON DARCOM RESOURCES	N I	0.20	Z S	22 37	
2881	BORROWED OPNS STANDARDS STUDY (BOSS)	N I	2.50	Z S	05 18	
2678	CENTRAL PREP OF LETTERS OF OFFER/ACCEPT	C I	0.50	Z S	22 37	
0194	CONSOL OF DOD CALIBRATION ACTIVITIES	C I	3.00	Z S	22 49	
2350	C2 SIMULATION	C C	1.90	X M	18 18	
2913	DARCOM INSTALL CAPABILITIES EVALUATION	N I	3.00	Z S	22 37	
2605	DARCOM PROVISIONING METHODOLOGY VALIDATI	C I	2.00	Z S	22 37	
2820	DECENTRALIZATION OF TAGO PRINTING	N I	2.50	Z S	17 17	
2769	DEPENDENT DENTAL CARE NEEDS	N I	0.80	Z S	12 27	
2807	DESERTER RETURNEE PROCESSING	N I	1.00	Z S	05 05	
2902	DOLLARS VS READINESS	N I	0.50	X S	22 37	
2926	ECONOMIC BENEFIT TO MILITARY COMMUNITIES	N I	2.00	Z S	05 18	
2768	EMERGENCY DENTAL CARE	N I	1.00	Z S	12 27	
2624	FAILURE FACTOR DETERMINATION-REPAIR COST	C C	1.00	X M	22 41	



----- ARMYGOAL=7 GOAL=MANAGEMENT -----

S T U D Y N O	T I T L E	P E R F O R M A N C E		C O M P L E X I T Y	P A R A M E T E R S	S C O R E	P E R F O R M A N C E
		S	R				
2819	FEASIBILITY OF DEVEL ARMY PUB SYSTEMS	N	C	1.95	Z	S	17
2400	FIRST TERM REENL QUALITY (FITQUEST)	C	I	5.00	X	S	05
2726	FUNCTIONAL DICTIONARY	C	C	2.04	Z	S	05
2879	FUNCTIONAL DICTIONARY - II	N	C	3.00	Z	S	05
2927	IMPACT OF INDUSTRIAL SURGE	N	I	2.00	Z	S	05
2798	IMPROVING THE MILITARY SUGGESTION PROG	N	C	1.00	Z	S	05
2795	LIFE CYCLE COSTS FOR SOLDIERS	N	I	1.00	X	S	05
2487	LONGITUDINAL VALIDATION OF ASVAB	C	B	2.25	Z	M	66
2608	MANAGEMENT TOOLS FOR SECURITY ASSISTANCE	C	I	1.00	Z	S	22
2401	MANPOWER AVAILABILITY TIME FACTORS	C	C	2.00	Z	S	05
2727	MANPOWER MANAGEMENT SYSTEM	C	C	0.50	X	S	05
2722	METHODOLOGY TO UPDATE MAINT EXPEND LIMIT	C	I	0.50	X	S	22
2757	MGT OF ARMY CRIM INVEST LABS WORLDWIDE	N	I	0.50	X	S	25
2689	MICTE	C	B	2.45	Z	M	20
2802	MILPERCEN MICROGRAPHICS STUDY	N	I	1.00	Z	S	05
2625	MIN LOG DATA COLLECTION IN USERS ENVIRON	C	C	2.00	X	M	22
2931	MS-3 TRAINING REQUIREMENTS	N	C	1.75	Z	S	05
2728	NEEDS OF USARMY FOR SCI/ENGR/TECHNICIANS	C	C	2.00	Z	M	07
2806	OFFICER SEPARATIONS - WHY DO THEY LEAVE?	N	I	3.00	Z	S	05
2785	OPTIMAL ORGANIZATIONAL STRUCTURE (OOS)	N	B	8.70	X	M	00
2801	OPTIMAL STRUCTURE FOR ROTC	N	I	2.00	Z	S	05
2348	PERSCOM STUDY	C	C	2.23	X	S	05



ARMYGOAL=7 GOAL=MANAGEMENT

S T U D Y N O	T I T L E	P E R F O R M A N C E	C O M P A R I S O N	P A S S O R D	P E R F O R M A N C E
2938	PROG & BUD OF ARMY RES (PROBARES)	N C 2.00	S M 08	08	
2721	QUALITY OF CONTRACTUAL PERFORMANCE	C B 1.05	X M 22	37	
2897	RETAIL SUPPLY & NONTACTICAL VEH (NTV)	N I 1.00	Z S 22	37	
2794	ROTC MOBILIZATION POLICY	N I 0.70	X S 05	05	
2680	SIMPLE IN-COUNTRY LOG SYST FOR SCTY ASST	N I 1.00	Z S 22	37	
0307	SINGLE PRICING FOR MAJOR ITEMS IN FMS	C I 0.30	Z M 22	37	
2867	SOLDIER DATA CARD AND ID TAG	N B 6.78	Z M 20	36	
2763	STAFF PATTERNS IN DEPTS OF NURSING	N C 0.80	X S 12	27	
2808	STANDARDS DATA MODEL (MS-3)	N C 1.20	Z M 05	05	
2672	SUPPLY PERFORMANCE INDICATORS	C I 0.80	Z S 22	37	
2379	SUPPLY/MAINTENANCE TRADEOFF ANALYSIS	C I 1.00	X S 22	37	
2592	SURVEY OF WORKFORCE SKILLS	C B 0.80	Z S 22	44	
2818	TAG PUBLICATIONS CENTERS	N C 1.30	Z S 17	17	
2614	TAXONOMY FOR ARMY LOGISTICS	N I 1.00	Z M 22	37	
2791	TELEPHONE SURVEY STUDY	C C 1.00	Z S 05	05	
2767	TIME SPENT IN INDIRECT NURSING CARE	N I 2.00	X S 12	27	
2489	UNIVERSITY VALIDATION STUDIES OF ASVAB	C C 2.25	Z M 66	66	
2809	USE OF OFFICER SPECIALTY CODES	N I 1.00	Z S 05	18	

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